

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/003142

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B29C67/00 B29C67/02 B29C67/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/38061 A (KHOSHNEVIS BEHROKH ; UNIV SOUTHERN CALIFORNIA (US)) 31 May 2001 (2001-05-31)	1,2, 11-13, 15, 19-21, 23-28, 30,33-37 29
Y	claims 1,7-19	
Y	US 6 500 378 B1 (SMITH JEFFREY M) 31 December 2002 (2002-12-31) column 9, line 7 - column 10, line 17 ----- -/--	29

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

9 December 2004

Date of mailing of the international search report

17/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 147 138 A (HOECHSMANN RAINER ET AL) 14 November 2000 (2000-11-14)	1,2, 11-13, 15,16, 19-21, 30,31, 33-37
Y	column 2, lines 20-42; claims; figures -----	17,18,32
Y	EP 0 535 984 A (SPECTRA GROUP LTD INC) 7 April 1993 (1993-04-07) column 6, lines 21-57 -----	17,18,32
X	US 5 985 204 A (OZAKI MOTOAKI ET AL) 16 November 1999 (1999-11-16) column 4, line 31 - column 5, line 25; figures 4-7,10,15 column 6, lines 25-49 column 7, lines 17-52 example 3 -----	1,2,11, 14, 19-21, 23,28, 33,36,37
X	DE 44 16 901 A (EOS ELECTRO OPTICAL SYST) 16 November 1995 (1995-11-16)	1,2,5,11
Y	column 4; claims; figures	3,4,7,8, 12
A	-----	6
X	US 4 752 498 A (FUDIM EFREM V) 21 June 1988 (1988-06-21)	21, 23-25, 32,35-37
Y	column 6, lines 10-12; figures column 6, lines 26-32; claims 7,8 column 3, lines 54-63; claims 15,18,19 column 3, line 38 - column 4, line 6	3,4,7,8, 12
A	-----	5,6,9, 10, 13-20, 26-31, 33,34
X	US 2003/052105 A1 (NAGANO KAZUHIKO ET AL) 20 March 2003 (2003-03-20) page 3, paragraph 23 - paragraph 25 page 11, paragraph 131 - paragraph 141 page 15, paragraph 178 - page 16, paragraph 195 ----- -/--	1,2, 9-12, 19-25, 28,29, 33,34, 36,37

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/149137 A1 (JANG BOR ZENG ET AL) 17 October 2002 (2002-10-17) the whole document	1,2, 9-12, 19-25, 33,36,37
A	----- US 5 182 056 A (SPENCE STUART T ET AL) 26 January 1993 (1993-01-26) column 49, line 22 - column 50, line 23; claims 1-7,23-29 -----	17,18,32